

FIG. 1

SSI

ROUND TANK WITH FULL DIFFUSERS FORM

x

ROUND TANK WITH FULL DIFFUSERSNO : SEARCH DATE :

DIFFUSER TYPES

9" DISC
 12" DISC
 91 X 1000 TUBE <--10
 62 X 1000 TUBE
 62 X 610 TUBE

1 --> DIAMETER OF THE TANK :	<input type="text" value="10"/> mt	DIFFUSER DENSITY :	<input type="text" value="12"/> %	<--5
2 --> DEPTH OF THE TANK :	<input type="text" value="6"/> mt	DROP PIPE DIAMETER :	<input type="text" value="114"/> ▼	<--6
3 --> FREE BOARD :	<input type="text" value="0.5"/> mt	HEADER DIAMETER :	<input type="text" value="114"/> ▼	<--7
4 --> DIFFUSER ELEVATION FROM FLOOR :	<input type="text" value="0.2"/> mt	MANIFOLD DIAMETER :	<input type="text" value="114"/> ▼	<--8
		NO OF HEADER ROWS(GIVE 2 TO 50) :	<input type="text" value="8"/> ▼	<--9

FIG. 2a

SSI

RECTANGULAR TANK WITH FULL DIFFUSERS

RECTANGULAR TANK WITH FULL DIFFUSERS

WORK ORDER NO : SEARCH DATE : 9/13/2004 4:37:20 PM

DIFFUSER TYPES

9" DISC
 12" DISC <..10
 91 X 1000 TUBE
 62 X 1000 TUBE
 62 X 610 TUBE

19-> LENGTH OF THE TANK :

mt

DIFFUSER DENSITY :

%

<..5

20-> WIDTH OF THE TANK :

mt

DROP PIPE DIAMETER :

114

<..6

2-> DEPTH OF THE TANK :

mt

HEADER DIAMETER :

114

<..7

3-> FREE BOARD :

mt

MANIFOLD DIAMETER :

114

<..8

4-> DIFFUSER ELEVATION FROM FLOOR :

mt

NO OF HEADER ROWS :

6

<..9

SAVE

DRAW

CLOSE

FIG. 2b

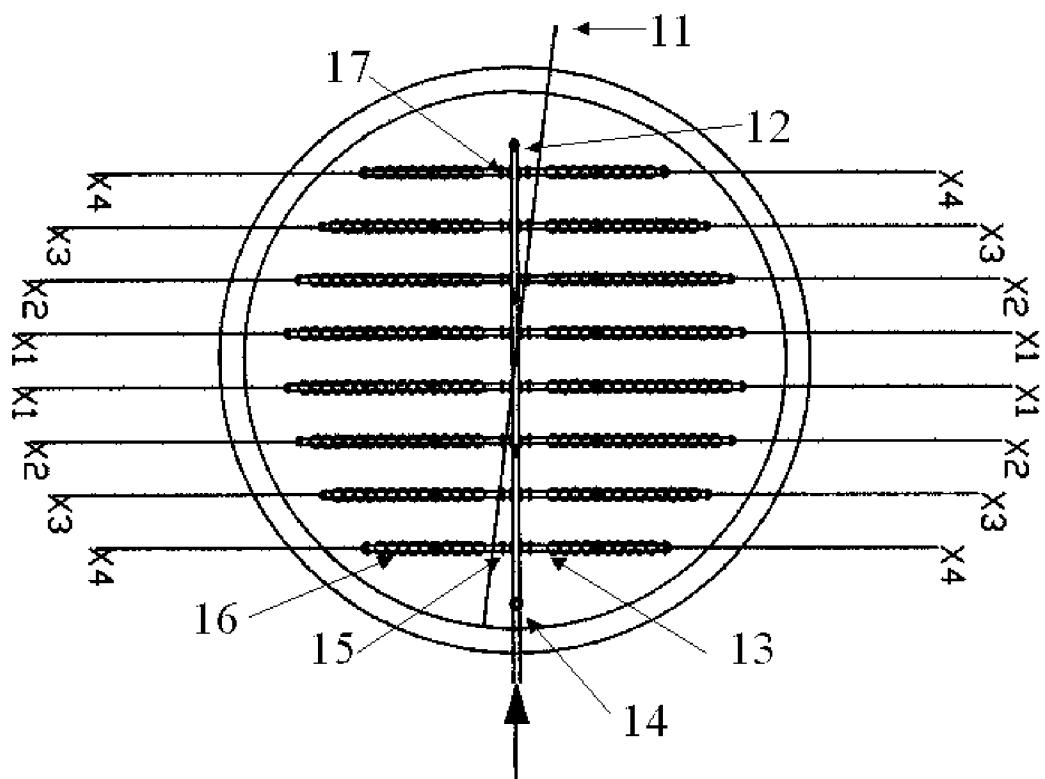


FIG. 3

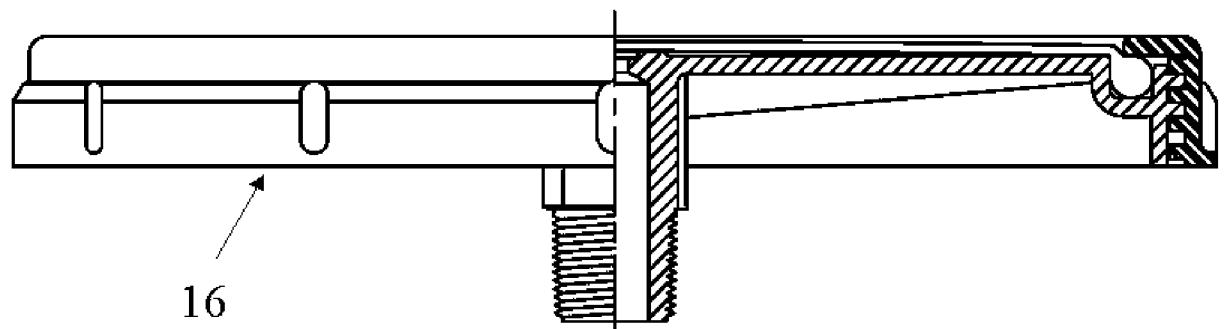


FIG. 4

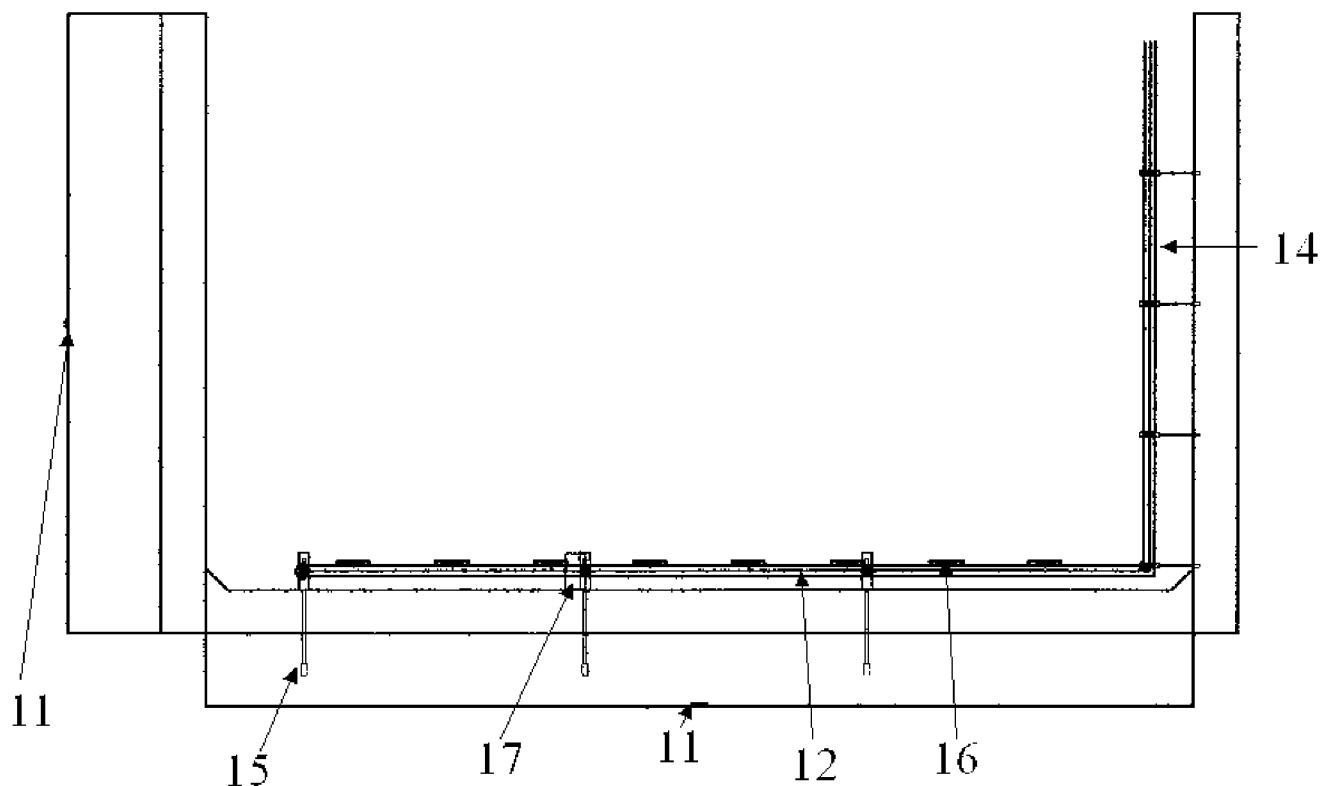


FIG. 5

INPUT DETAILS		
WONO : 12345	DATE : 8/27/2004 4:00:14 PM	
1	SIZE OF TANK	10000MM ²
2	DIFFUSER TYPE	AFD270-9INCH
3	DEPTH OF TANK	6000MM
4	FREE BOARD	500MM
5	DIFFUSER ELEVATION	200MM
6	DIFFUSER DENSITY	12%
7	HEADER PIPE DIA	114MM
8	MANIFOLD DIA	114MM
9	DROP PIPE DIA	114MM
10	NO OF HEADER ROWS	8

FIG. 6

OUTPUT DETAILS						TOTAL NO OF DIFFUSERS : 228
WONO : 12345	DATE : 8/27/2004 4:00:14 PM					
PIPE	LENGTH (MM)	NO'S	NO OF DIFF'S	NO OF SUPPORTS	NO OF EJ'S	DIFFUSER SPACING 199MM
MANIFOLD PIPE	1000MM	1	---	3	1	NO OF SUPPORTS IN HEADER PIPE : 148
DROP PIPE	5443MM	1	----	4	----	NO OF SUPPORTS IN MANIFOLD PIPE : 3
HEADER PIPES						NO OF SUPPORTS IN DROP PIPE : 4
X1	3675MM	4	72	12	0	NO OF EJ'S IN HEADER PIPE : 0
X2	3470MM	4	68	12	0	NO OF EJ'S IN MANIFOLD PIPE : 1
X3	3030MM	4	60	12	0	
X4	2271MM	4	44	12	0	

FIG. 7

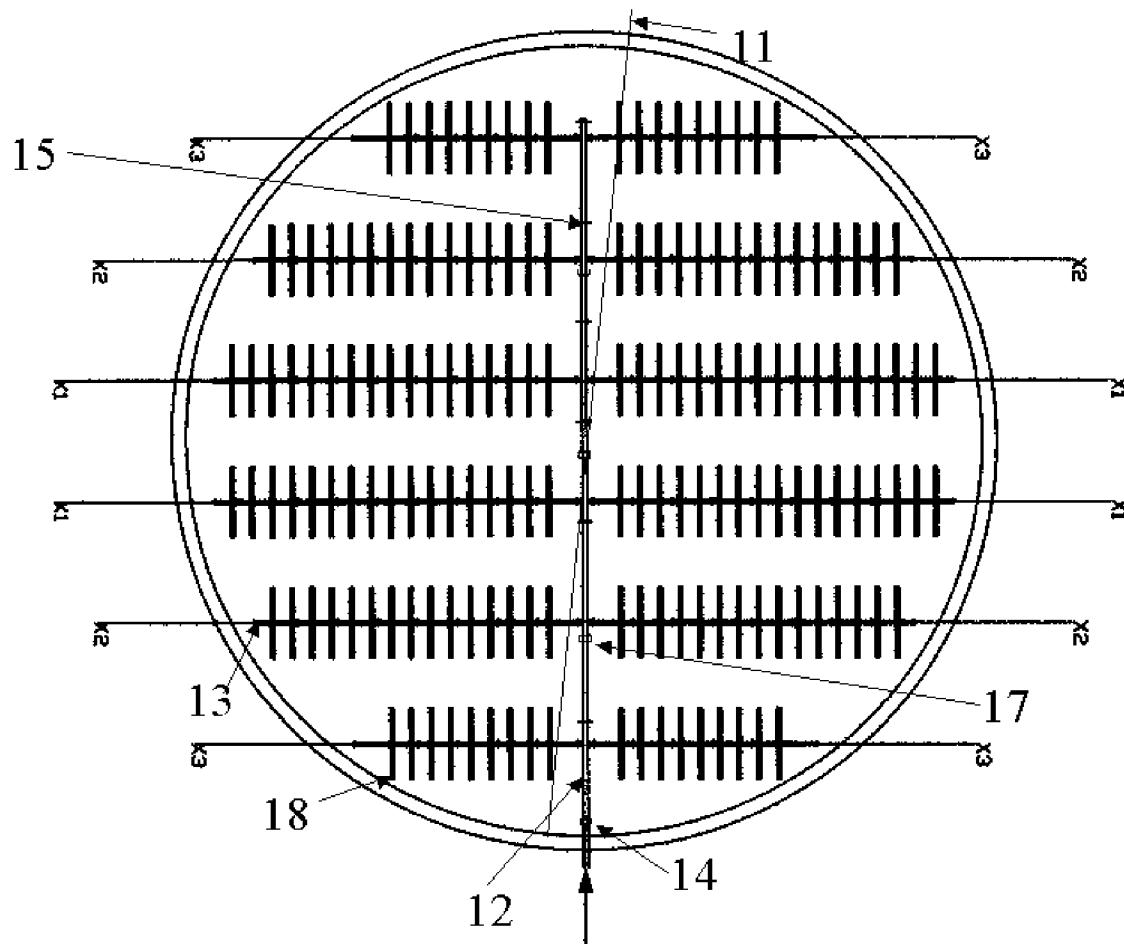


FIG. 8

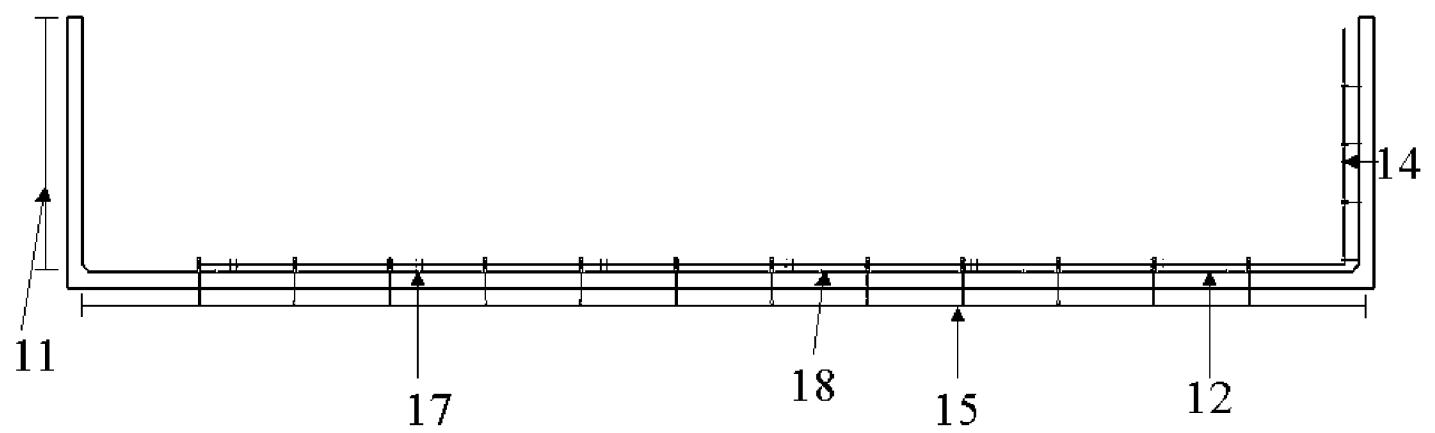


FIG. 9

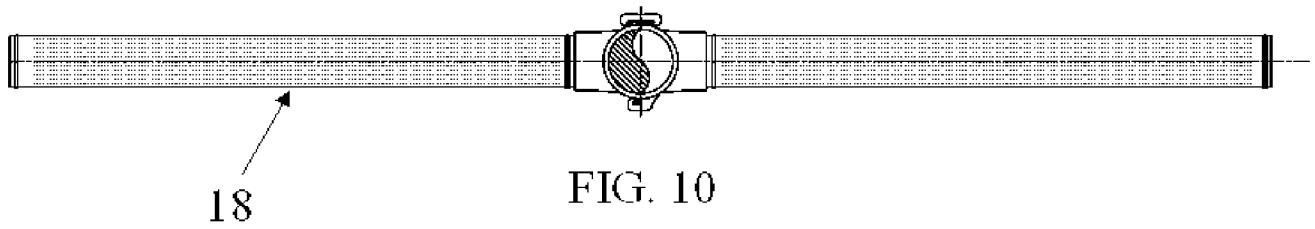


FIG. 10

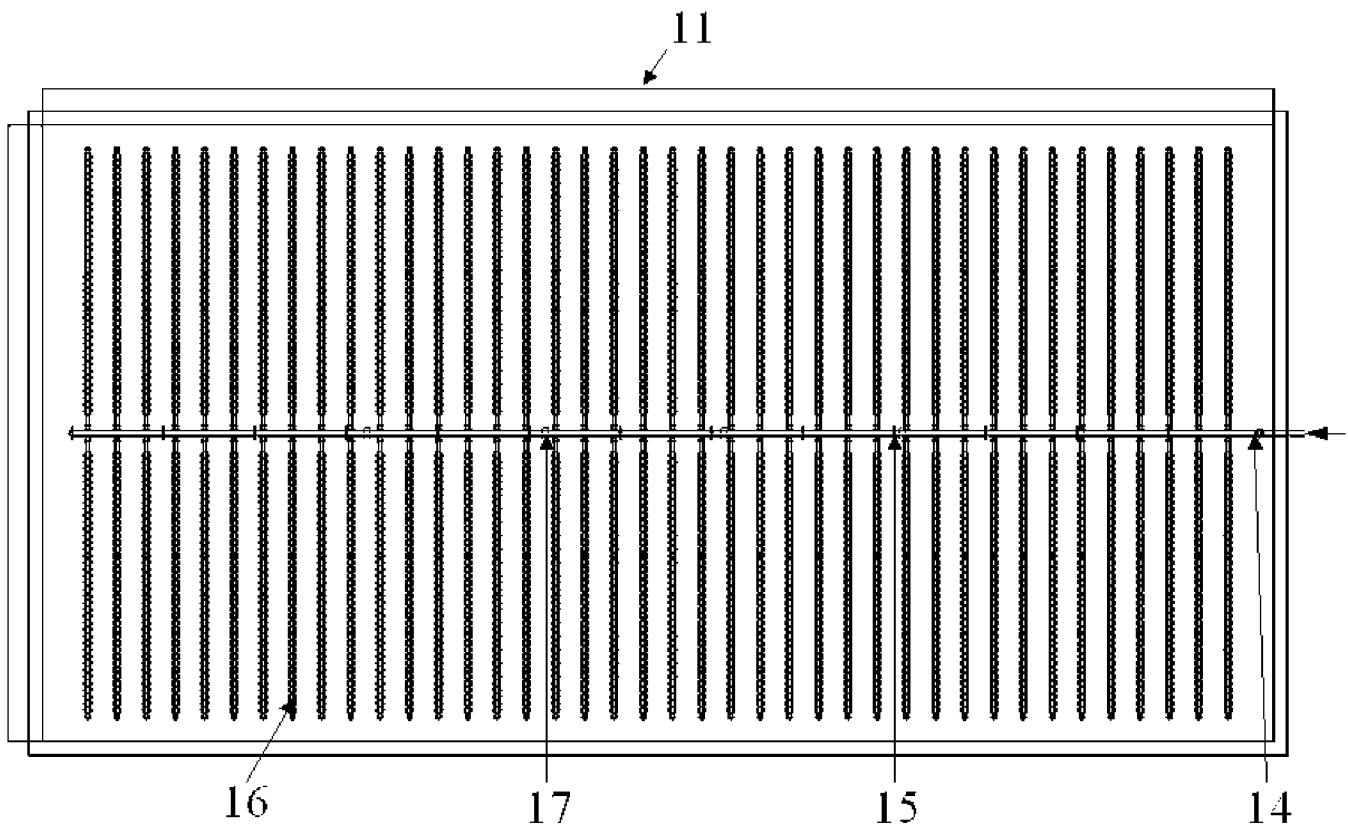


FIG. 11

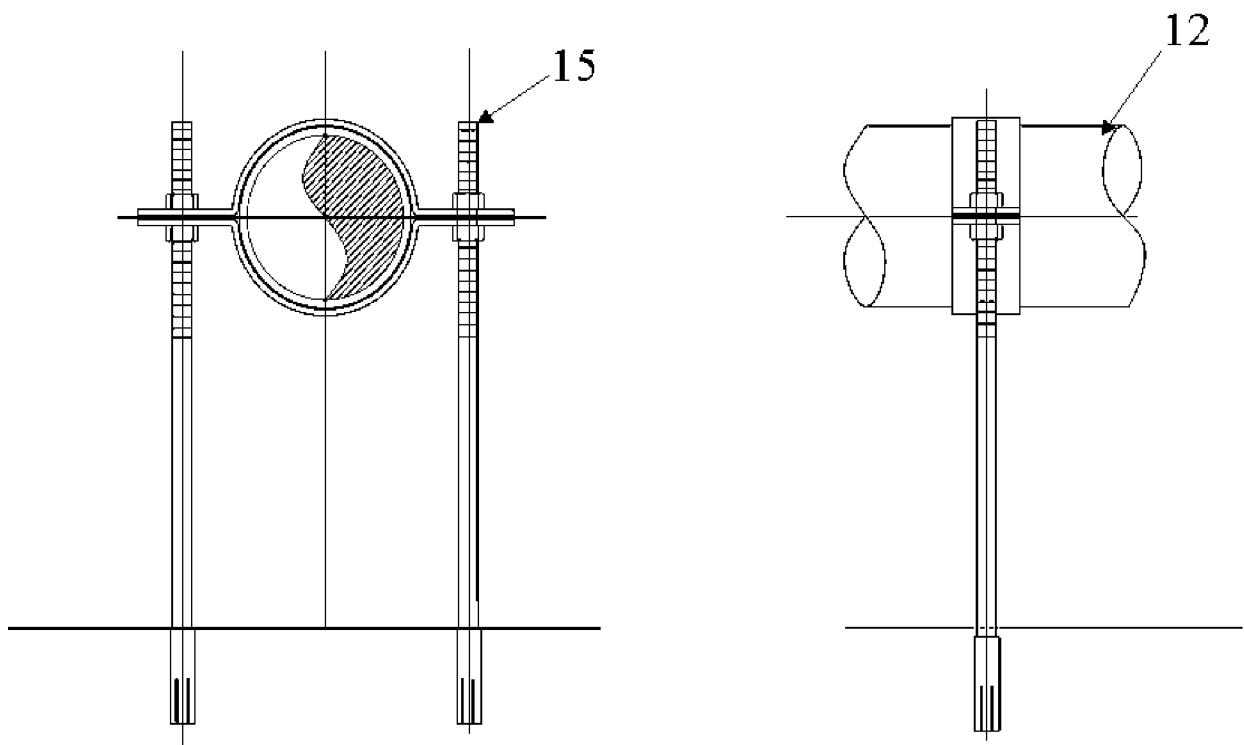


FIG. 12

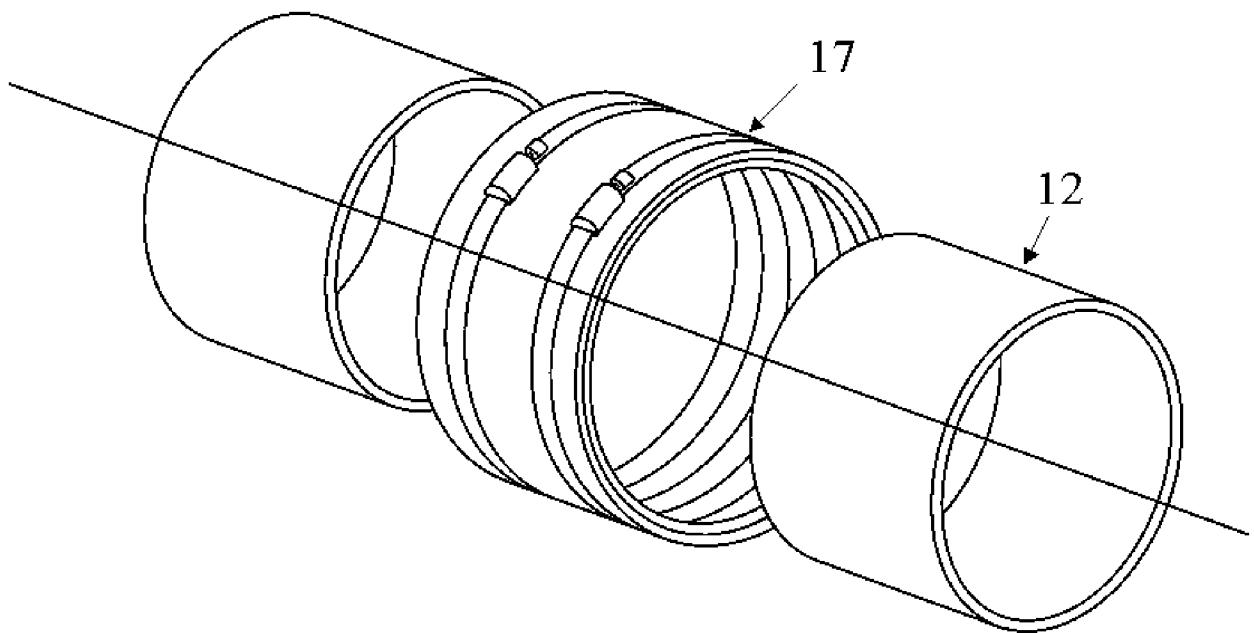


FIG. 13

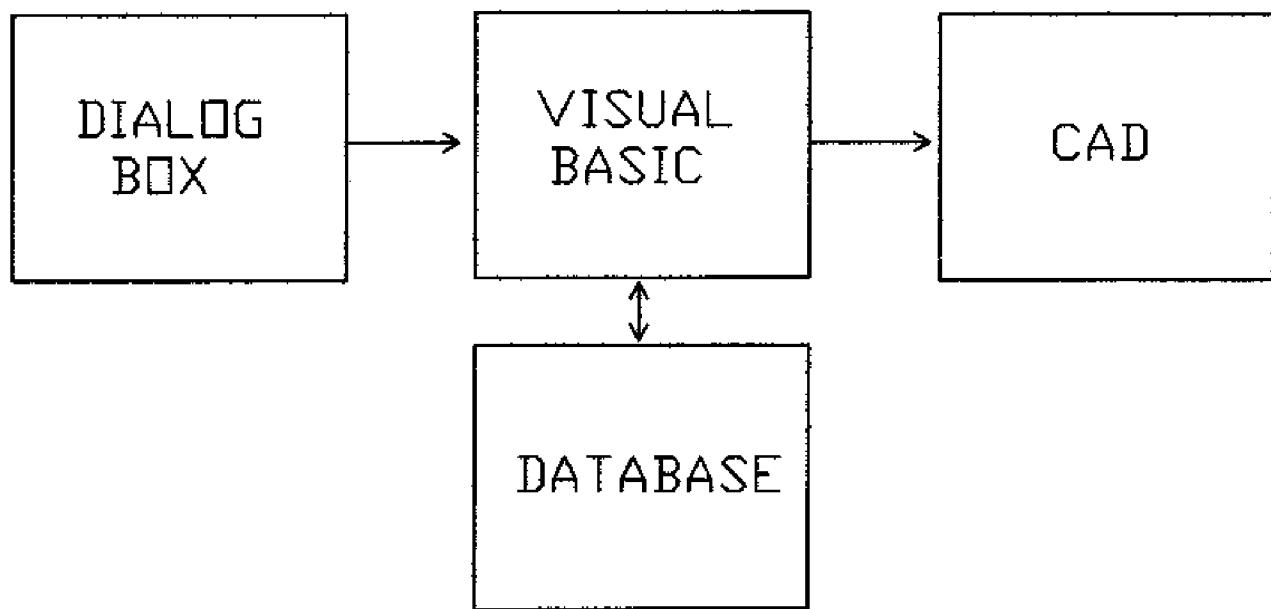


FIG. 14

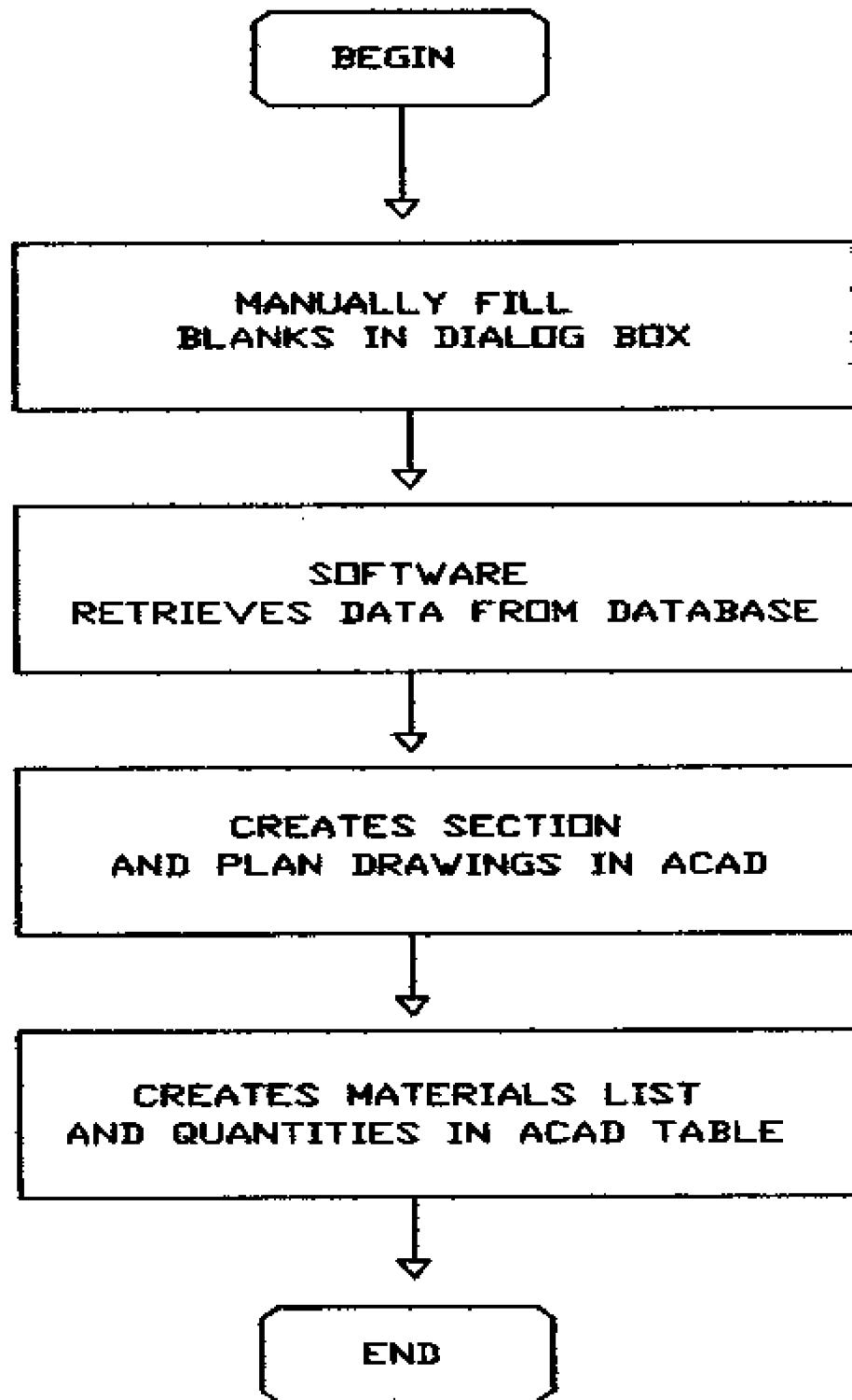


FIG. 15

